

Number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings.

Nootan Pharmacy College

Sr. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Year of publication	ISBN number of the proceeding	Name of the publisher
1	Dr.J.K. Patel & Anita Patel	Flavor development for functional foods and nutraceuticals	Flavor manufacturing and selection criteria for functional food and Nutraceuticals industries	2019	978-0-367-78290-2	CRC Press-Taylor & Francis, USA
2	Dr.J.K. Patel	Flavor development for functional foods and nutraceuticals	Natural flavors in various nutraceutical products applications	2019	978-0-367-78290-2	CRC Press-Taylor & Francis, USA
3	Dr.J.K. Patel	Flavor development for functional foods and nutraceuticals	Recent trends used in functional food and Nutraceuticals industries for modulation of anomete for improving sensory perception	2019	978-0-367-78290-2	CRC Press-Taylor & Francis, USA
4	Dr.J.K. Patel	Flavor development for functional foods and nutraceuticals	The bad taste of nutraceuticals: overview of basic research on bitter taste	2019	978-0-367-78290-2	CRC Press-Taylor & Francis, USA
5	Dr.J.K. Patel	Flavor development for functional foods and nutraceuticals	Quality control in flavor industry	2019	978-0-367-78290-2	CRC Press-Taylor & Francis, USA
6	Dr.J.K. Patel	Advances in nutraceutical applications in cancer-recent research trends and clinical applications	Nutraceutical's role in proliferation and prevention of colorectal cancer	2019	978-0-367-61494-2	CRC Press-Taylor & Francis, USA

7	Dr.J.K. Patel	Advances in nutraceutical applications in cancer-recent research trends and clinical applications	Nutraceutical's role in proliferation and prevention of gynecological cancers	2020	978-0-367-61494-2	CRC Press-Taylor & Francis, USA
8	Dr.J.K. Patel	Advances in nutraceutical applications in cancer-recent research trends and clinical applications	Mechanism and role of probiotics in suppressing bowel cancer	2020	978-0-367-61494-2	CRC Press-Taylor & Francis, USA
9	Dr.J.K. Patel	Advances in nutraceutical applications in cancer-recent research trends and clinical applications	Neutrigenomics and nutrigenetics in cancer prevention	2020	978-0-367-61494-2	CRC Press-Taylor & Francis, USA
10	Dr.J.K. Patel & Anita Patel	Advances in nutraceutical applications in cancer-recent research trends and clinical applications	Efficacy, safety and toxicological aspects of nutraceuticals	2020	978-0-367-61494-2	CRC Press-Taylor & Francis, USA
11	Dr.J.K. Patel	Advances in nutraceutical applications in cancer-recent research trends and clinical applications	Dietary isoflavones- Mechanism and efficacy in cancer prevention and treatment	2020	978-0-367-61494-2	CRC Press-Taylor & Francis, USA
12	Dr.J.K. Patel & Anita Patel	Bioresponsive polymers: design and application in drug delivery	Design of bioresponsive polymers	2020	978-2-033-156077	Apple Academic Press and distributed by CRC Press-Taylor & Francis, USA
13	Dr.J.K. Patel & Anita Patel	Bioresponsive polymers: design and application in drug delivery	Design of bioresponsive polymers	2021	978-2-033-156077	Apple Academic Press and distributed by CRC Press-Taylor & Francis, USA
14	Dr.J.K. Patel & Anita Patel	Emerging technologies for nanoparticle manufacturing	Introduction to nanomaterials and nanotechnology	2021	978-3-031-14847-7	Springer Inc, USA

15	Dr.J.K. Patel	Emerging technologies for nanoparticle manufacturing	Biomedical applications of nanoparticles	2021	978-3-031-14847-7	Springer Inc, USA
16	Dr.J.K. Patel	Emerging technologies for nanoparticle manufacturing	Nanocrystallization and nanoprecipitation technologies	2021	978-3-031-14847-7	Springer Inc, USA
17	Dr.J.K. Patel	Emerging technologies for nanoparticle manufacturing	Production of nanocomposites via extrusion techniques	2021	978-3-031-14847-7	Springer Inc, USA
18	Dr.J.K. Patel & Anita Patel	Emerging technologies for nanoparticle manufacturing	The use of supercritical fluid technologies for nanoparticle production	2021	978-3-031-14847-7	Springer Inc, USA
19	Dr.J.K. Patel	Emerging technologies for nanoparticle manufacturing	High-pressure homogenization techniques for nanoparticles	2021	978-3-031-14847-7	Springer Inc, USA
20	Dr.J.K. Patel	Emerging technologies for nanoparticle manufacturing	Solvent emulsification evaporation and solvent emulsification-diffusion techniques for nanoparticles	2021	978-3-031-14847-7	Springer Inc, USA
21	Dr.J.K. Patel	Emerging technologies for nanoparticle manufacturing	Membrane techniques for the preparation of anomaterials	2021	978-3-031-14847-7	Springer Inc, USA
22	Dr.J.K. Patel	Emerging technologies for nanoparticle manufacturing	Manufacturing techniques for carbon nanotube, gold nanoparticles and silver nanoparticles	2021	978-3-031-14847-7	Springer Inc, USA
23	Dr.J.K. Patel	Emerging technologies for nanoparticle manufacturing	Nanomedicine scale-up technologies: feasibilities and challenges	2021	978-3-031-14847-7	Springer Inc, USA
24	Dr.J.K. Patel	Emerging technologies for nanoparticle	Patent survey on recent technology for nanoparticles	2021	978-3-031-14847-7	Springer Inc, USA

		manufacturing				
25	Dr.J.K. Patel	Emerging technologies for nanoparticle manufacturing	Current challenges and future directions in nanomedicine	2021	978-3-031-14847-7	Springer Inc, USA
26	Dr.J.K. Patel	Sustainable Nanotechnology: Strategies, Products, and Applications	The Road to Sustainable Nanotechnology: Challenges, Progress and Opportunities	2022	978-1-119-64997-7	John Wiley and Sons, USA
27	Dr.J.K. Patel	Sustainable Nanotechnology: Strategies, Products, and Applications	Improving sustainable environmental performance of Bio Polymers using nanotechnology	2022	978-1-119-64997-7	John Wiley and Sons, USA
28	Dr.J.K. Patel	Sustainable Nanotechnology: Strategies, Products, and Applications	Towards eco-friendly nanotechnology-based polymers for drug delivery applications	2022	978-1-119-64997-7	John Wiley and Sons, USA
29	Dr.J.K. Patel	Sustainable Nanotechnology: Strategies, Products, and Applications	Green-nanotechnology driven drug delivery systems	2022	978-1-119-64997-7	John Wiley and Sons, USA
30	Dr.J.K. Patel	Sustainable Nanotechnology: Strategies, Products, and Applications	Sustainable Nano Bio-composites	2022	978-1-119-64997-7	John Wiley and Sons, USA
31	Dr.J.K. Patel	Sustainable Nanotechnology: Strategies, Products, and Applications	Risk assessment and management of occupational exposure to nano pesticides in agriculture	2022	978-1-119-64997-7	John Wiley and Sons, USA
32	Dr.J.K. Patel	Sustainable Nanotechnology:	Cobalt oxide engineered nanomaterials for environmental	2022	978-1-119-64997-7	John Wiley and Sons, USA

		Strategies, Products, and Applications	remediation			
33	Dr.J.K. Patel & Anita Patel	Pharmacokinetics and pharmacodynamics of nano particulate drug delivery systems	Introduction to nano particulate drug delivery systems	2022	978-3-030-83394-7	Springer International Publishing, Switzerland AG
34	Dr.J.K. Patel	Pharmacokinetics and pharmacodynamics of nano particulate drug delivery systems	Nanoparticle properties affecting pharmacokinetics of NPDDS	2022	978-3-030-83394-7	Springer International Publishing, Switzerland AG
35	Dr.J.K. Patel	Pharmacokinetics and pharmacodynamics of nano particulate drug delivery systems	Models used pharmacodynamic evaluation of NPDDS	2022	978-3-030-83394-7	Springer International Publishing, Switzerland AG
36	Dr.J.K. Patel	Pharmacokinetics and pharmacodynamics of nano particulate drug delivery systems	Preclinical animal models for the experimental design of pharmacokinetic studies with NPDDS	2022	978-3-030-83394-7	Springer International Publishing, Switzerland AG
37	Dr.J.K. Patel	Pharmacokinetics and pharmacodynamics of nano particulate drug delivery systems	Pharmacokinetics and pharmacodynamics of liposomal nanoparticles	2022	978-3-030-83394-7	Springer International Publishing, Switzerland AG
38	Dr.J.K. Patel	Pharmacokinetics and pharmacodynamics of nano particulate drug delivery systems	Pharmacokinetics of polymer matrix drug NPDDS	2022	978-3-030-83394-7	Springer International Publishing, Switzerland AG
39	Dr.J.K. Patel	Pharmacokinetics and pharmacodynamics of nano particulate drug delivery systems	Metallic gold nanoparticles: in-vivo pharmacokinetics and X-ray-contrast-imaging studies	2022	978-3-030-83394-7	Springer International Publishing, Switzerland AG

40	Dr.J.K. Patel	Pharmacokinetics and pharmacodynamics of nano particulate drug delivery systems	Muco-adhesive NPDDS in- vitro and pharmacokinetics studies	2022	978-3-030-83394-7	Springer International Publishing, Switzerland AG
41	Dr.J.K. Patel	Pharmacokinetics and pharmacodynamics of nano particulate drug delivery systems	Pharmacokinetic and tissue distribution study of solid lipid nanoparticles	2022	978-3-030-83394-7	Springer International Publishing, Switzerland AG
42	Dr.J.K. Patel	Pharmacokinetics and pharmacodynamics of nano particulate drug delivery systems	Factors affecting the clearance and biodistribution of polymeric nanoparticles	2022	978-3-030-83394-7	Springer International Publishing, Switzerland AG
43	Dr.J.K. Patel	Pharmacokinetics and pharmacodynamics of nano particulate drug delivery systems	Clearance pathways and tumor targeting of imaging nanoparticles for diagnostics	2022	978-3-030-83394-7	Springer International Publishing, Switzerland AG
44	Dr.J.K. Patel	Pharmacokinetics and pharmacodynamics of nano particulate drug delivery systems	Pharmacokinetics of nanoparticle systems for pulmonary delivery	2022	978-3-030-83394-7	Springer International Publishing, Switzerland AG
45	Dr.J.K. Patel	Pharmacokinetics and pharmacodynamics of nano particulate drug delivery systems	In-vivo biodistribution and pharmacokinetic studies of NPDDS for braintargeting	2022	978-3-030-83394-7	Springer International Publishing, Switzerland AG
46	Dr.J.K. Patel	Pharmacokinetics and pharmacodynamics of nano particulate drug delivery systems	Nanoparticle pharmacokinetic profiling in-vivo using magnetic resonance imaging	2022	978-3-030-83394-7	Springer International Publishing, Switzerland AG
47	Dr.J.K. Patel & Anita Patel	Pharmaceutical Technology-II	NA	2022	978-2-033-156077	Nirav Prakashan

48	Dr.J.K. Patel	Drug delivery for the Retina and Posterior Segment Disease	NA	2022	978-2-033-156077	Springer, USA.
49	Dr.J.K. Patel	Emerging technologies for nanoparticle manufacturing	NA	2022	978-2-033-156077	Springer, USA.
50	Dr.J.K. Patel	Sustainable Nanotechnology: Strategies, Products, and Applications	NA	2022	978-1-119-64997-7	John Wiley and Sons, USA
51	Dr.J.K. Patel	Pharmacokinetics and pharmacodynamics of nano particulate drug delivery systems	NA	2022	978-3-030-83394-7	Springer International Publishing, Switzerland AG
52	Dr.J.K. Patel	MCQs Book for Pharmacy.	NA	2023	978-93-91208-60-8	Innovative Publication
53	Dr.J.K. Patel	Handbook of Space Pharmaceuticals.	“Nutritional and alternative approaches to treatment in space	2023	978-3-030-05525-7	Springer Inc, USA
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55	Dr.J.K. Patel	Gene delivery systems: nano delivery technologies	“Advances in genome editing: the technology of choice for precise and efficient disease treatment, with special focus on nano delivery systems”	2023	978-1-032-02550-6	CRC Press-Taylor and Francis, USA
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68	Dr.J.K. Patel	Application of functional foods and nutraceuticals for chronic diseases	Urogenital system disorders and functional foods and nutraceuticals”	2023	978-1-032-07295-1	CRC Press-Taylor and Francis, USA
69	Dr.J.K. Patel	Nanomaterials under extreme conditions: a systematic approach to designing and applications	Nanomaterials under microgravity	2023	978-0-367-46228-4	CRC Press-Taylor and Francis, USA
70	Dr.J.K. Patel	Molecular mechanisms of action of functional foods and nutraceuticals for chronic diseases	Integration of biotechnology and nanotechnology in chronic diseases: interventions with functional foods and nutraceuticals”	2023	978-1-003-32564-2	CRC Press-Taylor and Francis, USA
71	Dr.J.K. Patel	Polymeric nanoparticles for treatment of solid tumors	Polymeric nanoplatforms for the targeted treatment of prostate cancer”	2023	978-3-031-14847-7	Springer Inc, USA
72	Dr.J.K. Patel	Tuberculosis and drug delivery systems: advances in the treatment of infectious diseases	Dendrimers in TB”	2023	978-3-031-14099-0	Springer Inc, USA
73	Dr.J.K. Patel	Tuberculosis and drug delivery systems: advances in the treatment of infectious diseases	Drug delivery by micro, nanoemulsions in tuberculosis”	2023	978-3-031-14099-0	Springer Inc, USA
74	Dr.J.K. Patel	Tuberculosis and drug delivery systems: advances in the treatment of infectious diseases	Solid lipid nanoparticles in TB	2023	978-3-031-14099-0	Springer Inc, USA

75	Dr.J.K. Patel	Food supplements and dietary fibers in health and disease	Role of dietary fiber in coronary heart disease (CHD)”	2023	978-1-774-91336-9	Apple Academic Press and distributed by CRC Press-Taylor and Francis, USA
76	Dr.J.K. Patel	Novel drug delivery systems in the management of chronic diseases	Novel drug delivery systems in the treatment of cancer: a better future hope	2023	978-1-774-91586-8	Apple Academic Press and distributed by CRC Press-Taylor and Francis, USA
77	Dr. Ujashkumar A. Shah	A Stability Indicating RP-HPLC Method Validation for Simultaneous estimation of Linagliptin and Empagliflozin in pharmaceutical dosage form	Current Aspects in Pharmaceutical Research and Development	2023	978-93-5547-440-7	B P International, United Kindgdom, Edited By Prof. John Yahya I. Elshimali, Charles R. Drew University of Medicine and Science, California, USA.
78	Dr.J.K. Patel	Viral infections: current treatment options		2023	978-3-031-20537-8	Springer Inc, USA
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		chemoinformatics				
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97	Dr. Hiren Chaudhary	Research Trends in Medical Sciences		2023	978-93-5570-891-5.	AkiNik Publications